Chassis ICC17

Chassis variant

Section :

Power supply

H_Deflection circuit

V_Deflection circuit

HF-IF circuit

Input / Output - Scart

Mechanical

Control panel

Data processing

Audio processing

Video processing

Picture Tube - Display

General

Power supply

Symptom description

At switch "ON", the TV's standby power supply does not work.
At switch on, TV starts with difficulties and it is not possible to enter the service mode (defective resistor RP63).
Failure of 2SK2605 transistor.
Failure of BUH516TH16 transistor.
Failure of BUH516TH16 transistor at TP50 position.
Failure of transistor in TP320 position.
Horizontal jitter effect.
From standby, TV doesn't start (remains in standby).
Set switches to security mode depending of video content the picture changed from black to white.
Sound in picture.
The TV will not come out the Standby Mode.
To optimize the CRT heater supply voltage.
When changing channel, and both programs include white picture, power supply could switch in safety mode.
Moire effect.

H_Deflection circuit

Symptom description

Depending of the orientation in terrestrial magnetic field, picture rotation is possible.
East/West correction circuit failure.
Evolution of Diode Split Transformer (DST).
Failure of transistor in position TL32.
Failure 1W in resistor RL44.
Ringing effect (visible at the left side of the screen).
Variation of the picture width depending on the video content (Picture from darke to light).

V_Deflection circuit

Symptom description

Three vertical coloured lines down the left hand side of the screen (line striatations).
TV stuck in the Standby Mode with the safety mode active/Unstable OSD graphics.
Unstable vertical deflection (flickering).

HF-IF circuit

Symptom description

Improvement of the reception with internal antenna.
Moire patterning visible on some channels.

TECHNICAL INFORMATION

Data processing

Symptom description

Evolution software (IR02).
Improvement Auto-format.
Intermittent loose of both front panel and remote control TV functions.
When TV is operating the LED indicator is illuminated red instead of green (position GE01).

Picture Tube - Display

Symptom description

Evolution of Cathode Ray Tube.	(1)
Evolution of Cathode Ray Tube.	(2)
Evolution of Cathode Ray Tube (28"-XF-16/9).	(3)
Evolution of Cathode Ray Tube (28"-TFT-16/9).	(4)
Evolution of Cathode Ray Tube (32"-TFT-16/9).	(5)

Protection TB02 arcing.

Tube have been changed at the end of 1999 to use tubes with metal mask instead of invar.

Visible flash over after quickly switch Off and On again.

Chassis ICC17

General

Symptom description

Chassis ICC17 evolution.
Evolution of the cabinet front and back cover.
Introduction of the function PFC.
Module SUB AMVD 19100.
Modules CRT, KDB and FCB Identification.